

Title (en)

METHOD AND SYSTEM FOR PARTIAL OXIDATION

Title (de)

VERFAHREN UND ANLAGE ZUR PARTIALOXIDATION

Title (fr)

PROCÉDÉ ET INSTALLATION D'OXYDATION PARTIELLE

Publication

EP 3366640 A1 20180829 (DE)

Application

EP 17400010 A 20170228

Priority

EP 17400010 A 20170228

Abstract (en)

[origin: WO2018157972A1] Process and plant for partial oxidation for generating a carbon monoxide- and hydrogen-containing synthesis gas from hydrocarbon-containing reactant material, wherein the reforming reactions are supported by enhancing the turbulence in the process gas.

Abstract (de)

Verfahren und Anlage zur Partialoxidation zur Erzeugung eines kohlenmonoxid- und wasserstoffhaltiges Synthesegases aus kohlenwasserstoffhaltigem Eduktmaterial, wobei die Reformierungsreaktionen durch Erhöhung der Turbulenz im Prozessgas unterstützt werden.

IPC 8 full level

C01B 3/36 (2006.01)

CPC (source: EP)

C01B 3/36 (2013.01); **C01B 2203/0255** (2013.01)

Citation (applicant)

- GB 1342116 A 19731225 - SHELL INT RESEARCH
- "Ullmanns Encyklopädie der technischen Chemie", vol. 3, 1973, pages: 340 - 341

Citation (search report)

- [XI] US 2009224209 A1 20090910 - EILERS JACOBUS [NL], et al
- [XI] US 3982910 A 19760928 - HOUSEMAN JOHN, et al
- [XI] GB 672165 A 19520514 - TEXACO DEVELOPMENT CORP

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 17400010 A 20170228; EP 2018025035 W 20180209